

FIG. 1

FIG. 1 shows illustrative block diagram of an embodiment of a system of the present invention.

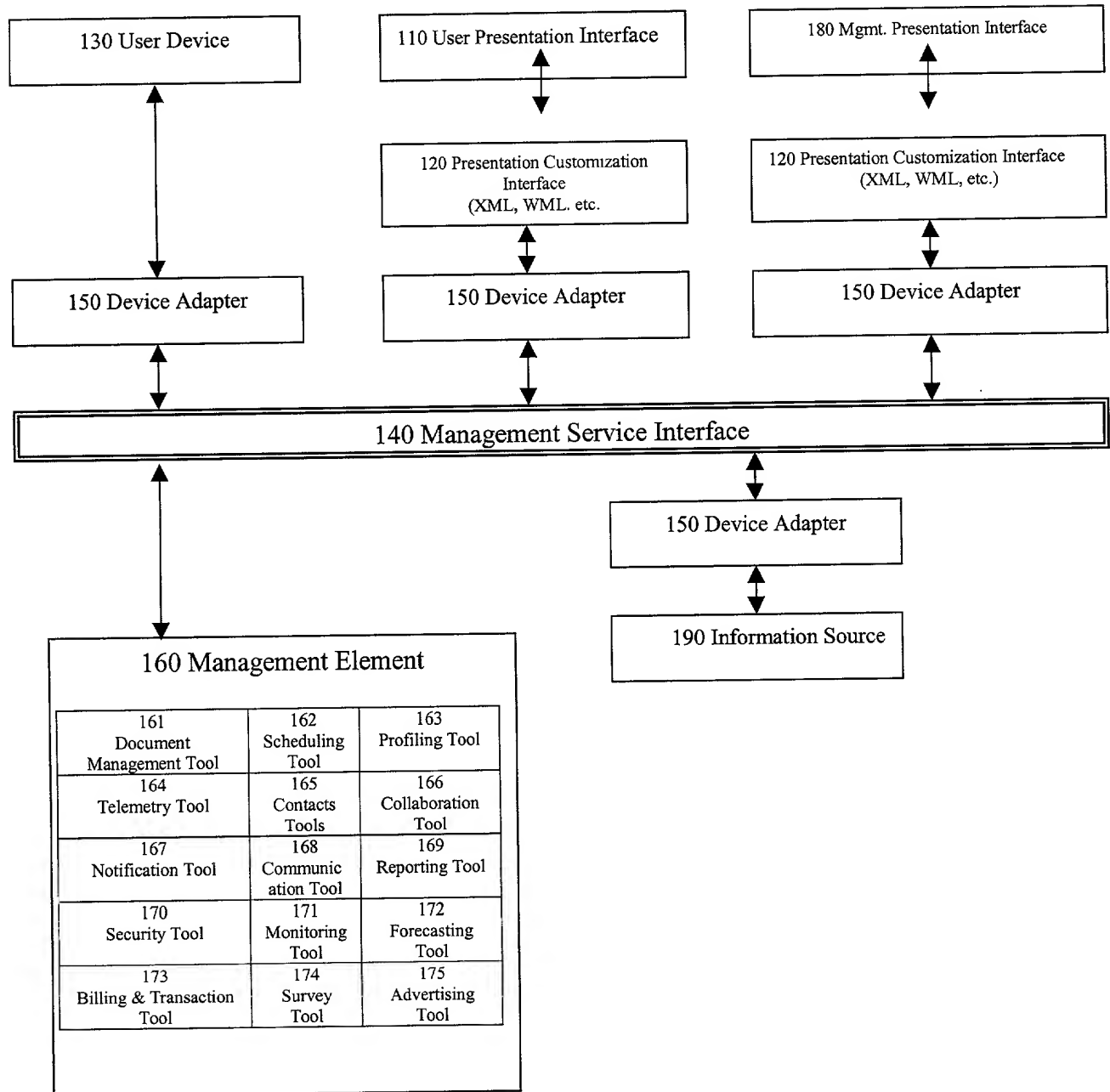


FIG. 2

FIG. 2 shows illustrative block diagram of an embodiment of a voice data based system of the present invention.

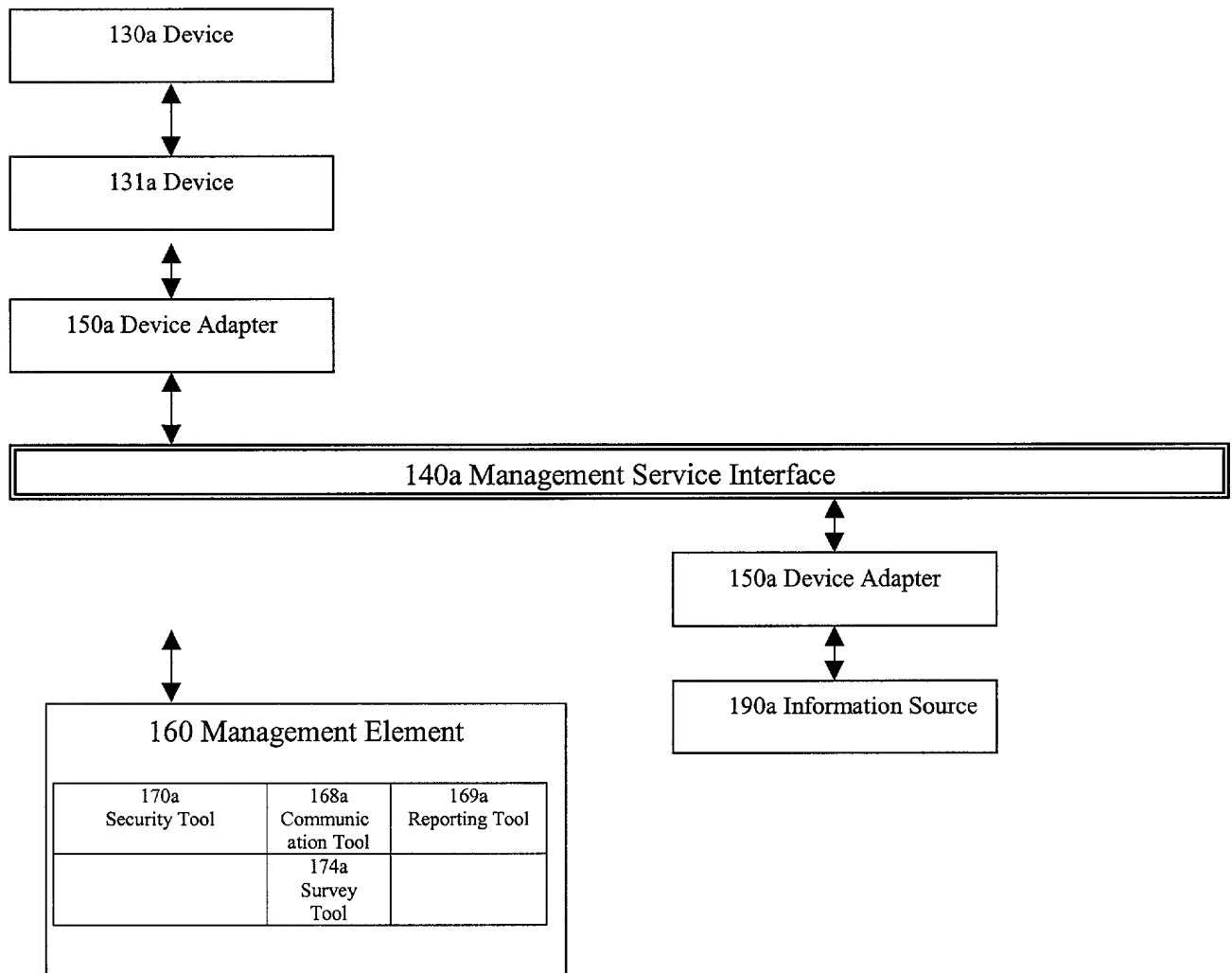


FIG. 3

FIG. 3 shows an illustrative telephonic user interface for performing an authorization inquiry.

"Welcome"

"Please enter your account number" (1)
Account number is entered.

"Please enter your password" (2)
Password is entered.

"You have 4 new messages" (3)

"For messages, press or say the number 1" (4)

"To submit your weekly disease report, press
or say the number 2" (5)

FIG. 3

FIG. 4

FIG. 4 shows an illustrative user computer interface for performing an authorization inquiry.

(6)

Validation	
Last Name	Garcia (8)
Account Number	XXXXXXX (9)
Password	YYYYYYY (10)
(7)	

FIG. 4

FIG. 5

FIG. 5 shows an illustrative telephonic user interface.

"Message 1" (11)

"The Ministry of Health has issued a advisory warning of a new outbreak of measles in your region. Please call the Ministry of Health immediately for more details."

"Message 2" (12)

"John Smith tested positive for tuberculosis. Please contact the tuberculosis lab immediately for more details."

"Message 3" (13)

"Happy birthday"

"Message 4" (15)

"This is the Chief Epidemiologist. There is a new report of Cholera in your region. Have you seen any cases this week of cholera?" (16)

"To submit your response to this inquiry, please press or say 2." (17)

"Please indicate the number of cases of cholera that you have seen in your areas within the past 10 days by pressing the number key or combination of number keys on your touch tone pad which corresponds to those numbers of cases." (18)

Since Dr. Garcia had seen six cases of cholera in his region, Dr. Garcia responds to the above inquiry by pressing the number 6 on his touch tone pad.

"To submit your weekly disease report, please press 3. For directory services, please press 0."

Dr. Garcia presses the number 3 on his touch tone pad.

"With respect to each of the following medical conditions, please press the number key or combinations of number keys on your touch tone pad which corresponds to the number of new cases you have seen with that particular medical condition within the past 7 days." (19)

"HIV"

Dr. Garcia responds by pressing the number 2 (20)

"Malaria" (21)

Dr. Garcia responds by pressing the number 4 (22)

"Small pox" (23)

Dr. Garcia responds by pressing the number 0 (24)

"Chicken Pox" (25)

Dr. Garcia responds by pressing the number 4 (26)

"Small Pox" (27)

Dr. Garcia responds by pressing the number 3 (28)

"This completes your weekly report" (29)

Dr. Garcia finishes the system by hanging up the telephone. (30)

FIG. 6

FIG. 6 shows an illustrative block diagram of an embodiment of a voice data based system of the present invention.

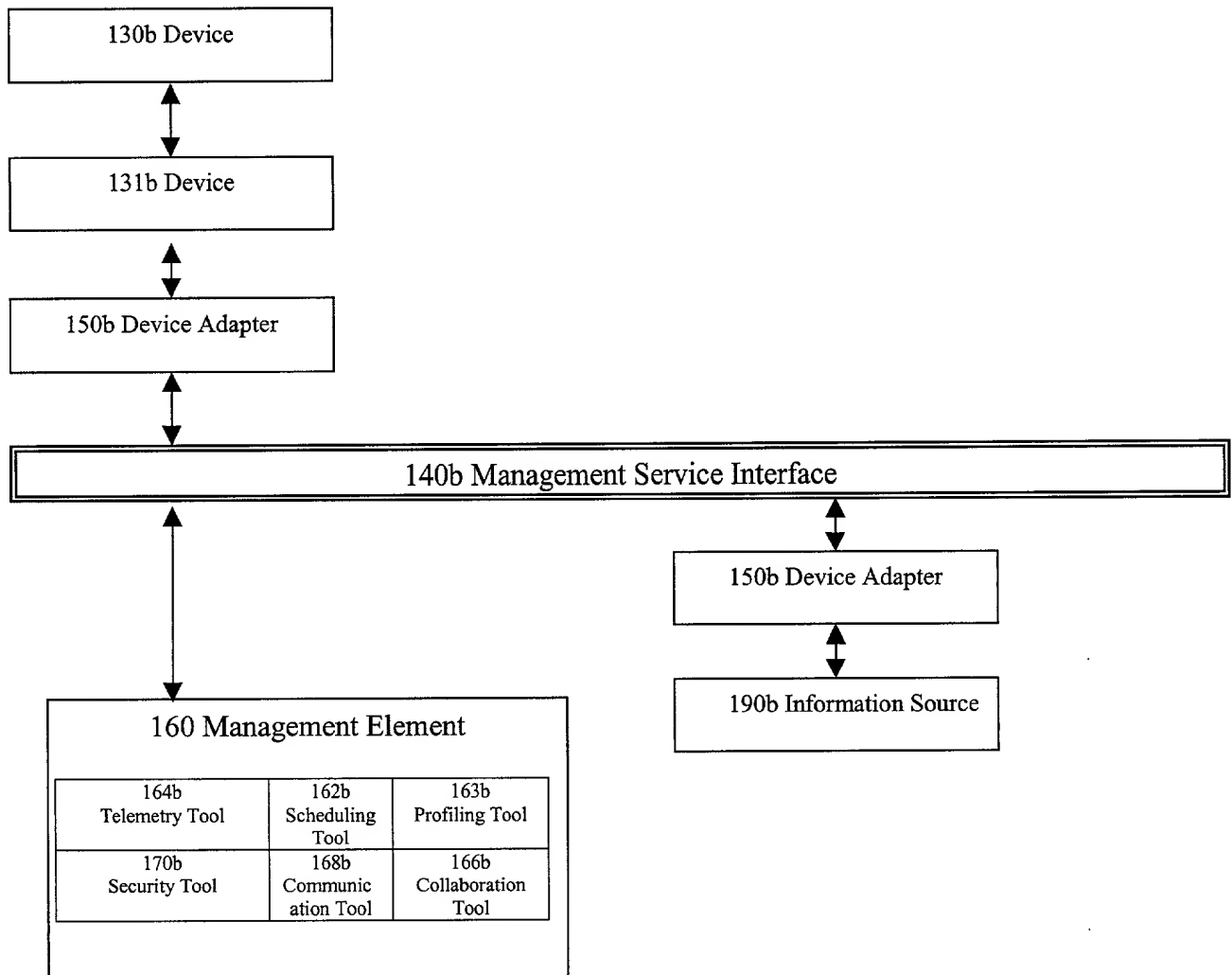


FIG. 7

FIG. 7 shows an illustrative block diagram of an embodiment of a voice data based system of the present invention.

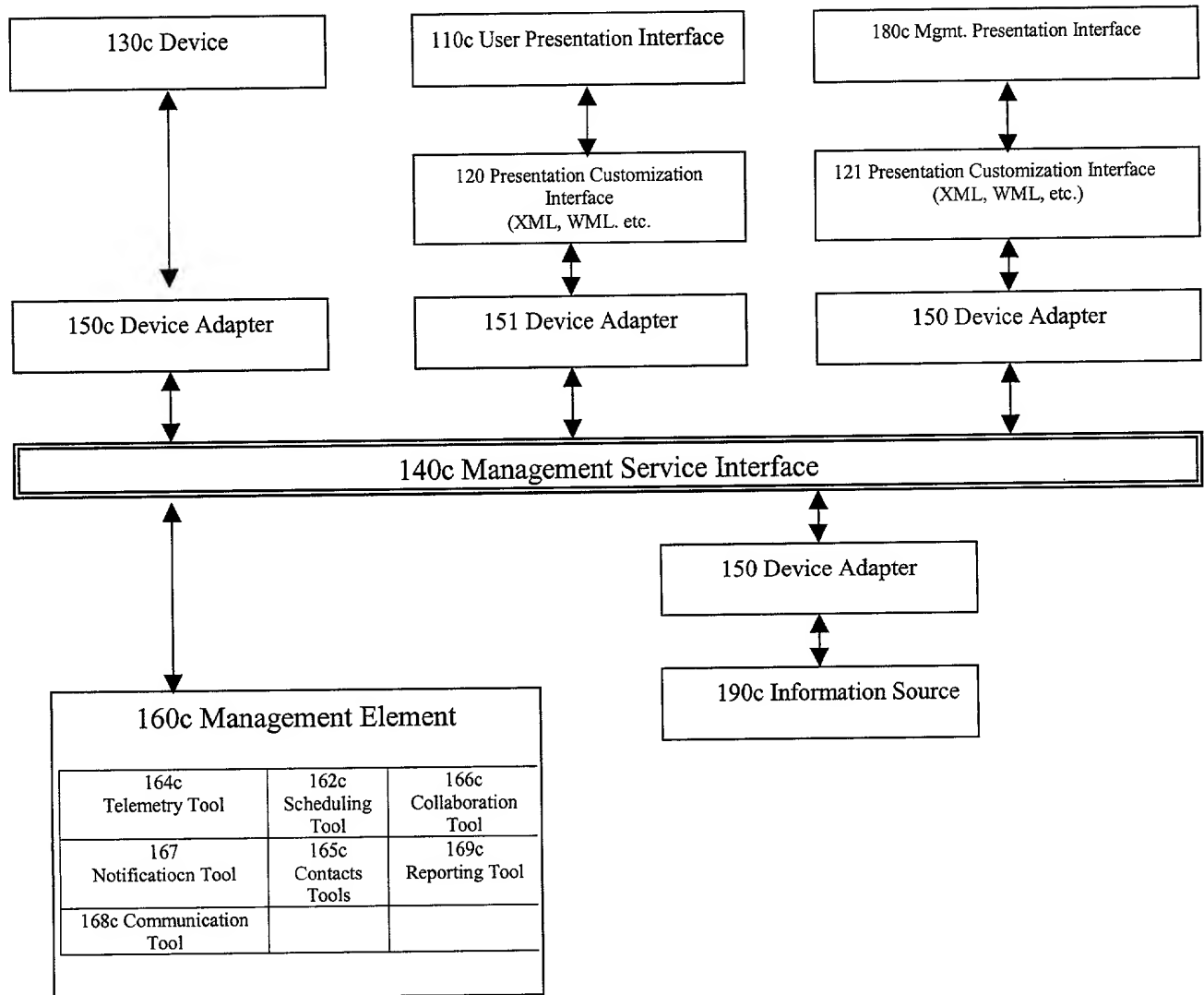


FIG. 8

FIG. 8 shows an illustrative block diagram of an embodiment of a voice data based system of the present invention.

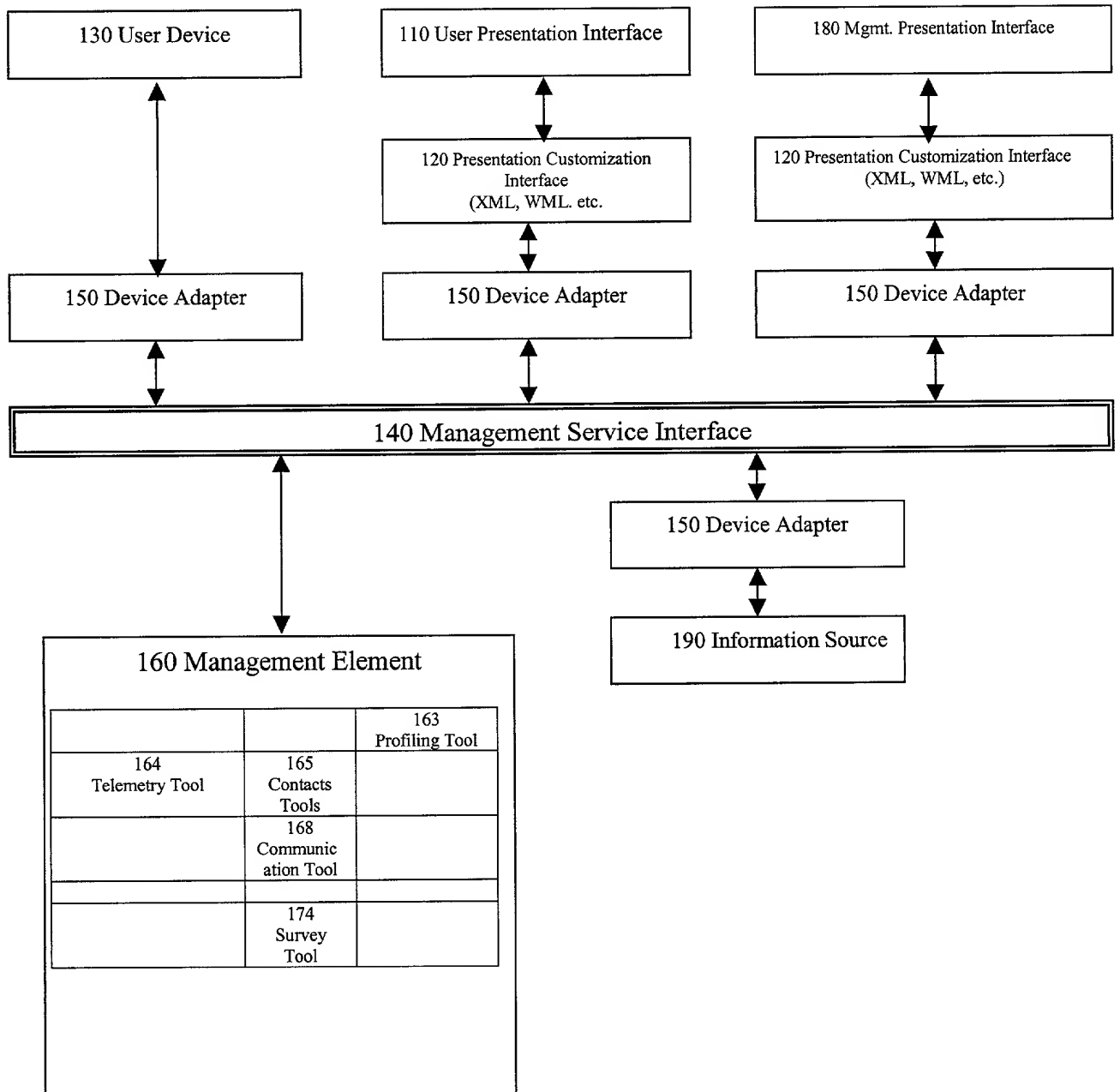


FIG. 9

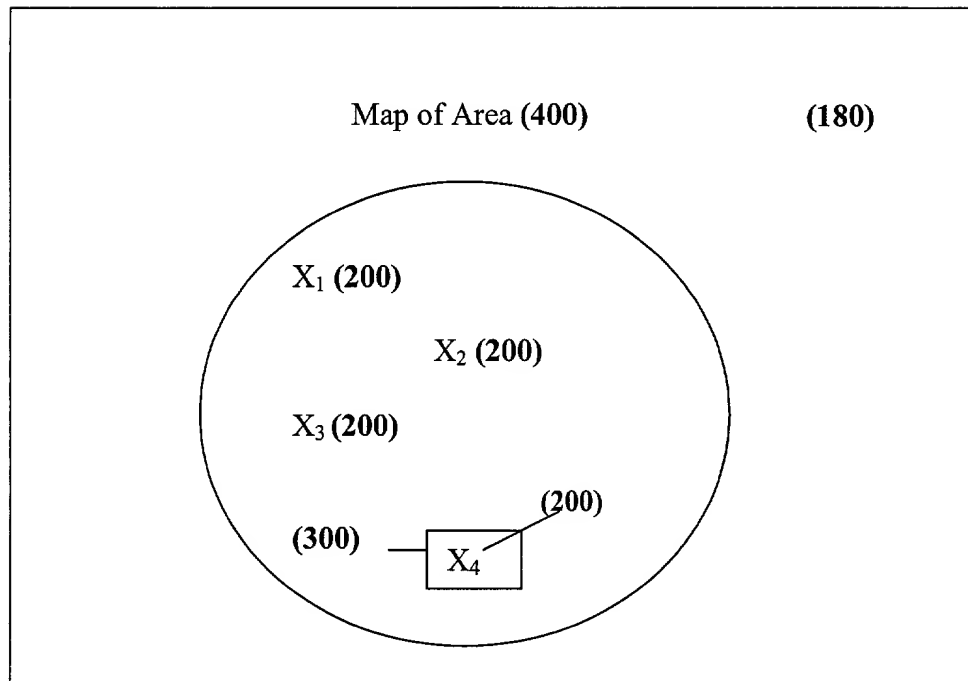
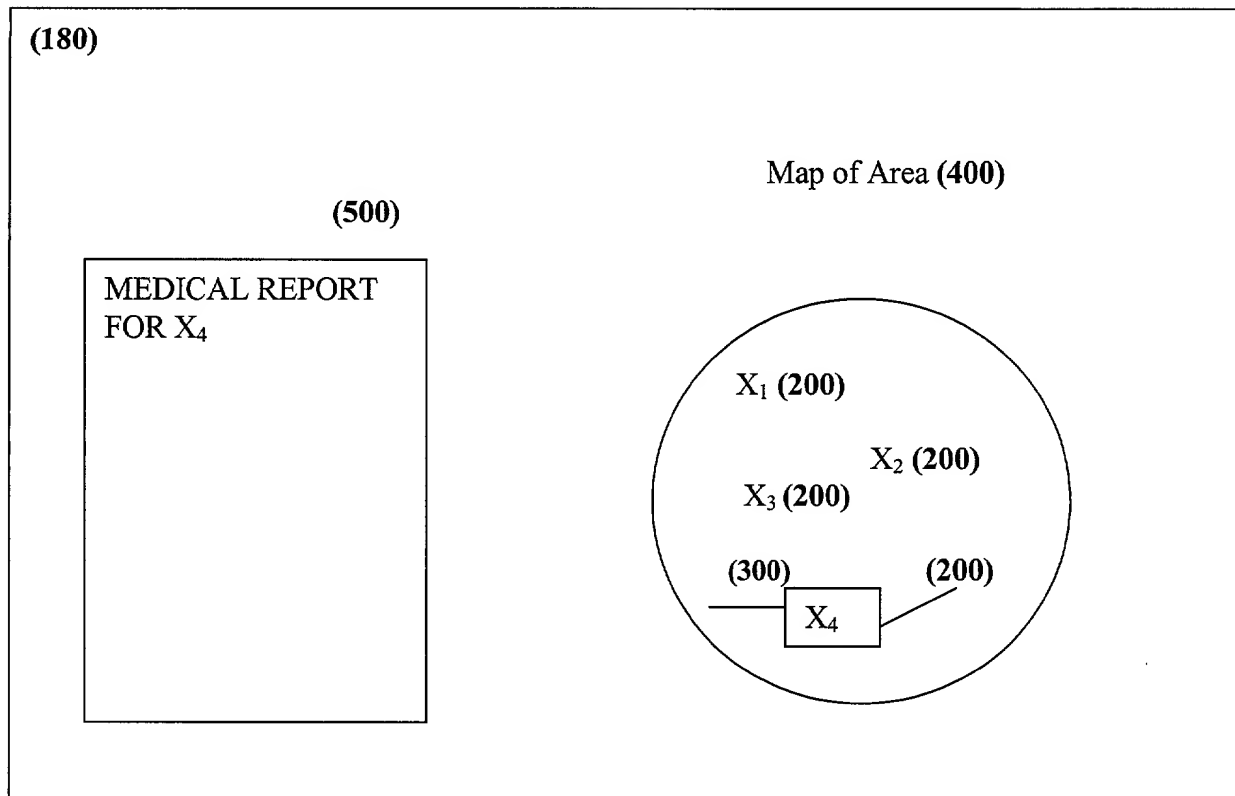


FIG. 9

FIG. 10



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